

FORM PTO-1390 (REV. 01-2003)      US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 121238
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) New U.S. National Stage of PCT/JP03/03147 <div style="font-size: 2em; font-weight: bold; text-align: center;">107509242</div>
INTERNATIONAL APPLICATION NO. PCT/JP03/03147	INTERNATIONAL FILING DATE March 17, 2003	PRIORITY DATE CLAIMED March 28, 2002
TITLE OF INVENTION INITIATOR		
APPLICANT(S) FOR DO/EO/US Isamu TAKAHARA; Akitoshi YOSHIGAI; Kazuo NOSE		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1.    <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2.    <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3.    <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4.    <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5.    <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a.    <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b.    <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c.    <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6.    <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a.    <input checked="" type="checkbox"/> is attached hereto.</li> <li>b.    <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> <li>c.    <input type="checkbox"/> The International Application was filed in English.</li> </ol> </li> <li>7.    <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a.    <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b.    <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c.    <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d.    <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8.    <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9.    <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10.    <input checked="" type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
<ol style="list-style-type: none"> <li>11.    <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12.    <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13.    <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14.    <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15.    <input type="checkbox"/> A substitute specification.</li> <li>16.    <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17.    <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18.    <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19.    <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20.    <input type="checkbox"/> Other items or information:</li> </ol>		

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.51) New U.S. National Stage of PCT/JP03/03147 <b>10-509242</b>		INTERNATIONAL APPLICATION NO. PCT/JP03/03147		ATTORNEY'S DOCKET NUMBER 121238	
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21. <input checked="" type="checkbox"/> The following fees are submitted:  <b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):</b>  Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO..... <b>\$1,080.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO..... <b>\$ 920.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... <b>\$ 770.00</b>  International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... <b>\$ 730.00</b>  International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)..... <b>\$ 100.00</b>  <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS      PTO USE ONLY</b>	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total Claims	14 - 20 =	0	X \$ 18.00	\$	
Independent Claims	2 - 3 =	0	X \$ 86.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$920	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>				\$920	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$920	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +				\$	
<b>TOTAL FEES ENCLOSED =</b>				\$920	
				Amount to be refunded:	\$
				charged:	\$

  

a.	<input checked="" type="checkbox"/> A check in the amount of <b>\$920</b> to cover the above fees is enclosed.	
b.	<input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.	
c.	<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>15-0461</b> . A duplicate copy of this sheet is enclosed.	
d.	<input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.	

  

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

  

SEND ALL CORRESPONDENCE TO:  <b>OLIFF &amp; BERRIDGE, PLC</b> <b>Customer Number: 25944</b>  Date <u>September 28, 2004</u>	<div style="text-align: center;">   <b>NAME: James A. Oliff</b>  <b>REGISTRATION NUMBER: 27,075</b> </div> <div style="text-align: center; margin-top: 20px;">   <b>NAME: Joel S. Armstrong</b>  <b>REGISTRATION NUMBER: 36,430</b> </div>
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